

Question	Answer
9.	deductive reasoning
10.	inductive reasoning
11.	invalid
12.	valid
13.	Dakota gets better grades in Social Studies.
16.	invalid
18.	invalid
19.	yes; no; because the first conditional is false
20.	A: comp. $\angle$ are not necessarily adj., so they may not form a rt. $\angle$ .
21.	Possible answers: If Mary goes to the store, then I will go with her. Mary goes to the store. The conclusion "I will go with her" is valid by the Law of Detachment. If Jon goes to the movies, then he will eat popcorn. If Jon eats popcorn, then he needs a drink. The conclusion "If Jon goes to the movies, then he needs a drink" is valid by the Law of Syllogism.
22a.	If a creature is a serpent, then it eats eggs.
22b.	No; possible answer: the Pigeon did not correctly apply the Law of Detachment; "Alice eats eggs" matches the conclusion of the conditional, not the hypothesis.

Question	Answer
26.	<p>Either Andre is less than 35 years old, or he is not a natural — born citizen. Possible answer: Since there are 3 criteria to be eligible and he meets 1, he must not meet 1 of the remaining 2.</p>
28.	Marc and Dallas